

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-297104

(43) Date of publication of application : 11.10.2002

(51)Int.Cl. G09G 3/36
G02F 1/133
G09G 3/20

(21)Application number : 2001-096101

(71)Applicant : FUJITSU LTD

(22) Date of filing : 29.03.2001

(72)Inventor : SUZUKI TOSHIAKI

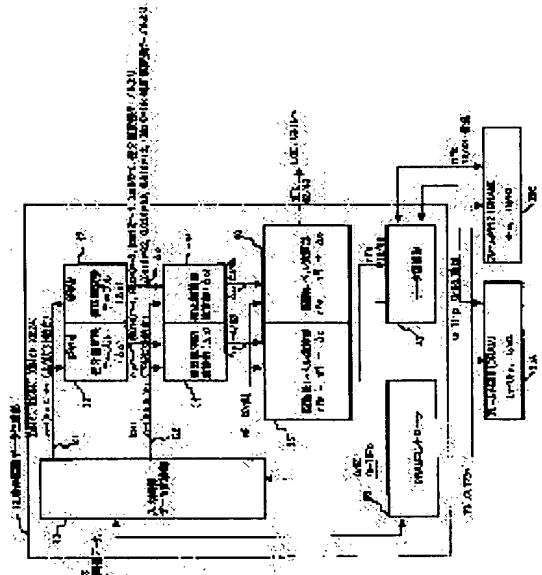
YONEMURA HIROFUNE
HIRAKI KATSUYOSHI
YAMAZAKI HIROSHI
TANAKA KATSUNORI

(54) CONTROL CIRCUIT FOR PERFORMING DRIVE COMPENSATION FOR HIGH SPEED RESPONSE FOR LIQUID CRYSTAL DISPLAY DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To improve the response characteristic of a liquid crystal display device with a simplified control circuit to improve the picture quality in moving picture display.

SOLUTION: In the control circuit for liquid crystal display device, a display drive data generating part (12) has a conversion table for referring to the display drive data of a present frame from the present frame picture data and the post-driven state data of the preceding frame. Since this conversion table stores the display driving data or its correction value, correspondingly to the combination of the high-order bits of the present frame picture data and those of the preceding frame picture data, a high speed memory circuit for storing the conversion table can be reduced in capacity. Since the accuracy of the display driving data or its correction value becomes lower associated accompanying the reduction in the capacity of the conversion table, an interpolation circuit is arranged, and the display driving data improved in accuracy by



the interpolation operation or its correction value is generated, and the display driving data are obtained by correcting input picture data accordingly.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office